



Ceiling Downlights | 220-240 V | 336 topLED 92 W DC - 98 W AC | CRI 90 | Base  
**7651N**

Double emission ceiling downlights for indoor application. The natural white LED light source with a diffused light distribution is composed of 336 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 14566 lm, with a 158.3 lm/W nominal luminous efficacy.

The device body is made of metal and features a white finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 18 kg.

The total absorbed power is 98 W

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

**Energy efficiency class**

This product contains 28 light sources of energy efficiency class E.

**Illuminotechnical Features**

Light Output Ratio (LOR)	85 %
Source lumens	14566 lm
Delivered lumens	12395 lm
Consumption	98 W
Luminaire efficacy	126 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

**LED Life / Failure Ratio**

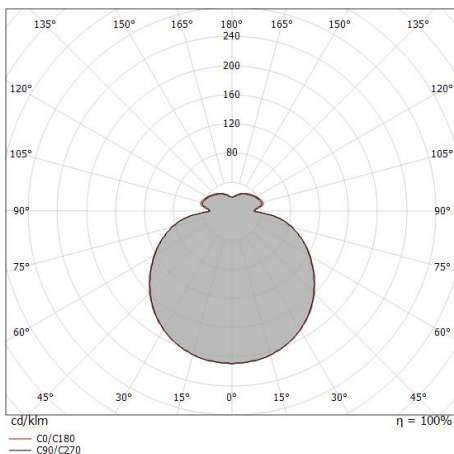
L80 B20 C0 80000h

**UGR**

UGR axial	21.6
UGR transversal	21.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

**OPTICAL**

C0/C180 optics	135°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	2.40 2.46	10375	67.4° 295	67.9° 276	
1.0	4.80 4.93	2594	67.4° 74	67.9° 69	
1.5	7.21 7.39	1153	67.4° 33	67.9° 31	
2.0	9.61 9.85	648	67.4° 18	67.9° 17	
2.5	12.01 12.31	415	67.4° 12	67.9° 11	
3.0	14.41 14.78	288	67.4° 8	67.9° 8	

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 135.8°)  
— C90/C270 (Half-peak divergence: 134.8°)